

TABOREX TA 2343 HD

Catalyst masterbatch

Description

TABOREX TA 2343 HD contains the cross-linking catalyst and a stabiliser package. Together with Silon's Silane grafted TABOREX Compounds this masterbatch completes a Sioplas System (PE-Xb). TABOREX TA 2343 HD includes a high content of a special Carbon Black, which gives long term UV protection by adding 10% of this Masterbatch to the final product.

Appearance:

Jet Black, approx. RAL 9005

Physical form:

Pellets



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Application

TABOREX TA 2343 HD is a catalyst Masterbatch according to the Sioplas System for the production of pipe systems using brass fittings.



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Addition level

Catalyst masterbatch and grafted polymer are normally being mixed in the ratio of 90 parts of polymer to 10 parts of catalyst MB. This formulation insures optimum processing conditions and application performance of the PE-X material.



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Properties

	Properties	Test method	Unit	Typical value
Physical	Density	ISO 1183-1	g/cm ³	1,000
	Melt Flow Index (190 °C/2,16 kg)	ISO 1133	g/10 min	2,5
	Bulk density	ISO 60	g/cm ³	0,55
	Moisture (water)	ISO 15512	%	< 0,05

Note: the above values are typical for this material, not standardized.

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Packaging

- moisture resistant multilayer bags containing 20 kg
- boxes of 600 kg containing a moisture resistant multilayer lining

Storage and handling

TABOREX TA 2343 HD has to be stored in a cool and dry place, protected from direct UV light. At a maximum ambient temperature of 30 °C the shelf life is one year. Storage at higher temperatures may impair the quality of the Masterbatch.

Food contact

TABOREX TA 2343 HD corresponds to the regulations of the European Union, FDA(USA) and BfR (Germany) for products intended to use in contact with drinking water.



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